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TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. § 371

50412/027002

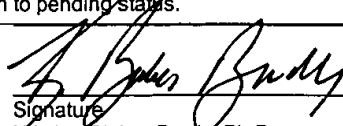
U.S. Application Number:

107584373
Not yet assigned

INTERNATIONAL APPLICATION NUMBER	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/GB2004/005416	December 23, 2004	December 23, 2003
TITLE OF INVENTION:	ISOPEPTIDE GAP JUNCTION MODULATORS	
APPLICANTS FOR DO/EO/US:	BJARNE DUE LARSEN	

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
2.	<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. § 371.
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. § 371(f)).
4.	<input checked="" type="checkbox"/> The U.S. has been elected.
5.	A copy of the International Application (35 U.S.C. § 371(c)(2)). <input checked="" type="checkbox"/> a. is transmitted herewith (required only if not transmitted by the International Bureau).
6.	An English language translation of the International Application into English (35 U.S.C. § 371(c)(2)). <input type="checkbox"/> a. is transmitted herewith. <input type="checkbox"/> b. has been previously submitted under 35 U.S.C. 154(d)(4).
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)). <input type="checkbox"/> a. are transmitted herewith (required only if not transmitted by the International Bureau). <input type="checkbox"/> b. have been transmitted by the International Bureau. <input type="checkbox"/> c. have not been made; however, the time limit for making such amendments has NOT expired. <input checked="" type="checkbox"/> d. have not been made and will not be made.
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. § 371(c)(3)).
9.	<input checked="" type="checkbox"/> An oath or declaration of the inventors (35 U.S.C. § 371(c)(4)). (UNSIGNED) (1 page)
10.	<input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371 (c)(5)).
11.	<input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. §§ 1.97 and 1.98.
12.	<input type="checkbox"/> An assignment for recording. A separate cover sheet in compliance with 37 C.F.R. §§ 3.28 and 3.31 is included.
13.	<input checked="" type="checkbox"/> A preliminary amendment. (11 pages)
14.	<input type="checkbox"/> A substitute specification.
15.	<input type="checkbox"/> A power of attorney and/or change of address letter.
16.	<input type="checkbox"/> Request for Deferred Examination.
17.	<input checked="" type="checkbox"/> Application Data Sheet. (3 pages)
18.	<input checked="" type="checkbox"/> Other items or information: Copy of International Search Report and Written Opinion of the International Searching Authority, and copy of Publication of the International Search Report (WO 2005/061437 A3) for PCT/GB2004/005416 (18 pages)
19.	<input checked="" type="checkbox"/> The following fees are submitted:

Basic National Stage Fee		\$	300.00		
10/584373 National Stage Search Fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0 Search fee (37 C.F.R. § 1.445(a)(2)) has been paid on the international application to the USPTO as an International Search Authority: \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB: \$400 All other situations: \$500		\$	400.00		
National Stage Examination Fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4): \$0 All other situations: \$200		\$	200.00		
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 C.F.R. § 1.492(h)).		\$			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	32 - 20 =	12	x \$50	\$	600.00
Independent claims	2 - 3 =	0	x \$200	\$	0
Multiple dependent claims (if applicable)			+ \$360	\$	0
Application Size Fee: Additional fee for specification and drawings in paper over 100 sheets.					
TOTAL SHEETS	EXTRA SHEETS	Number of each additional 50 sheets or fraction thereof (round up to a whole number)	RATE		0
69-100=	/50=		X\$250	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	1,500.00
Reduction of 1/2 for filing by small entity, if applicable.				\$	
SUBTOTAL =				\$	1,500.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 C.F.R. § 1.492(f)).				+ \$	
TOTAL NATIONAL FEE =				\$	1,500.00
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. §§ 3.28, 3.31). \$40.00 per property.				+ \$	
TOTAL FEES ENCLOSED =				\$	1,500.00
				Amount to be refunded	\$
				charged	\$
<input checked="" type="checkbox"/> a. Enclosed is a check for \$1,500.00 to cover the total fees. <input type="checkbox"/> b. Enclosed is a check for [**\$300/\$150**] to cover the basic national stage fee; no other fees are being paid at this time. <input type="checkbox"/> c. Please charge my Deposit Account No. 03-2095 in the amount of \$[**] to cover the above fees. <input checked="" type="checkbox"/> d. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 03-2095.					
NOTE: Where an appropriate time limit under 37 C.F.R. §§ 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO:			 Kristina Bieker-Brady, Ph.D. Telephone: 617-428-0200 Clark & Elbing LLP Facsimile: 617-428-7045 101 Federal Street Customer No.: 21559 Boston, MA 02110-2214		
			Signature Kristina Bieker-Brady, Ph.D. Reg. No. 39,109		